

APPENDIX E

List Of Trivial Activities

The List of Trivial Activities is a list of most common trivial activities. A trivial activity is any activity, process, or emissions unit that has extremely low emissions and is not subject to a source-specific requirement. An activity, process, or emissions unit that is conducted as part of a manufacturing process or is related to the source's primary business activity is not considered trivial.

Pursuant to Rule 200 of these rules, Title V sources and Non-Title V sources are not required, in permit applications, to list trivial activities, to describe trivial activities, nor to include the emissions from trivial activities.

General Combustion Activities:

1. Combustion emissions from propulsion of mobile sources, except for vessel emissions from outer continental shelf sources.

Surface Coating And Printing Equipment:

1. Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit volatile organic compounds (VOC) or hazardous air pollutants (HAPs).

Cleaning Equipment:

1. Laundry activities, except for dry-cleaning and steam boilers.

Internal Combustion Equipment:

1. Internal combustion (IC) engines used for landscaping purposes.
2. Emergency (backup) electrical generators at residential locations.

Testing And Monitoring Equipment:

1. Routine calibration and maintenance of laboratory equipment or other analytical instruments.
2. Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.
3. Hydraulic and hydrostatic testing equipment.
4. Environmental chambers not using HAP gases.
5. Shock chambers.
6. Humidity chambers.
7. Solar simulators.
8. Vents from continuous emissions monitors and other analyzers.

Office Equipment:

1. Air-conditioning units used for human comfort that do not have applicable requirements under Title VI of the Act.
2. Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing/industrial or commercial process.

3. Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction.
4. Bathroom/toilet vent emissions.
5. Tobacco smoking rooms and areas.
6. Consumer use of paper trimmers/binders.

Repair And Maintenance:

1. Janitorial services and consumer use of janitorial products.
2. Plant maintenance and upkeep activities (e.g., groundskeeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots), provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. Cleaning and painting activities qualify, if they are not subject to VOC or HAP control requirements. Asphalt batch plant owners and/or operators must still get a permit, if otherwise required.
3. Repair or maintenance shop activities not related to the source's primary business activity (excluding emissions from surface coating or degreasing (solvent metal cleaning) activities) and not otherwise triggering a permit modification.

Storage And Distribution:

1. Storage tanks, vessels, containers holding or storing liquid substances that will not emit any VOC or HAPs. Exemptions for storage tanks containing petroleum liquids or other VOCs should be based on size limits and vapor pressure of liquids stored and are not appropriate for this list.
2. Demineralized water tanks and demineralizer vents.
3. Boiler water treatment operations, not including cooling towers.

Hand Operated Equipment:

1. Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning, or machining wood, metal, or plastic.
2. Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.
3. Portable electrical generators that can be moved by hand from one location to another. "Moved by hand" means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.
4. Air compressors and pneumatically operated equipment, including hand tools.

Food Equipment:

1. Non-commercial food preparation.

Water And Waste Water Treatment:

1. Process water filtration systems and demineralizers.
2. Oxygen scavenging (de-aeration) of water.

Emergency Equipment:

1. Fire suppression systems.
2. Emergency road flares.

Roadways And Motor Vehicles:

1. Fugitive emissions related to movement of passenger vehicles, provided the emissions are not counted for applicability purposes and any required fugitive dust control plan or its equivalent is submitted.

Miscellaneous Activities:

1. Blacksmith forges.
2. Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that do not result in emission of HAP metals.
3. Batteries and battery charging stations, except at battery manufacturing plants.
4. Storage tanks, reservoirs, and pumping and handling equipment, of any size, containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
5. Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
6. Drop hammers or hydraulic presses for forging or metalworking.
7. Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.
8. CO₂ lasers, used only on metals and other materials which do not emit HAPs in the process.
9. Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves, or the boilers delivering the steam.
10. Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants.
11. Laser trimmers using dust collection to prevent fugitive emissions.
12. Ozone generators.
13. Steam vents and safety relief valves.
14. Steam leaks.
15. Steam cleaning operations.
16. Steam sterilizers.
17. Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.
18. Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents.

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